

Abstract

A SAW filter is configured by forming a first IDT and a second IDT on a piezoelectric substrate, and the first IDT is arranged between one terminal of input/output terminals and another terminal of the input/output terminals, i.e., serially in a signal path, and the second IDT is arranged in parallel to a signal path from a portion between one terminal of the input/output terminals and the first IDT. The first IDT and the second IDT are arranged in proximity to each other and on the same propagation path of surface acoustic waves which are excited by each of the resonators.